

OPINION 592

REJECTION OF BERTRAND, 1763, *DICTIONNAIRE UNIVERSEL DES FOSSILES PROPRES ET DES FOSSILES ACCIDENTELS*

RULING.—(A) It is hereby ruled that E. Bertrand in the work entitled “Dictionnaire Universel des Fossiles Propres et des Fossiles Accidentels”, published at The Hague in 1763, did not adopt the principles of binominal nomenclature and therefore no name acquired the status of availability by reason of being published in that work.

(B) The undermentioned entry is hereby made on the Official Index of Rejected and Invalid Works in Zoological Nomenclature with the Title No. 63:—

Bertrand (E.), 1763, *Dictionnaire Universel des Fossiles Propres et des Fossiles Accidentels* (rejected for nomenclatorial purposes because the author did not apply the principles of binominal nomenclature);

(C) The following generic names, published in a work rejected for nomenclatorial purposes, are hereby placed on the Official Index of Rejected and Invalid Generic Names in Zoology with the Name Numbers specified:—

Acanthiodos Bertrand, 1763 (1 : 1) (Name No. 1332);
Alcyonia Bertrand, 1763 (1 : 14) (Name No. 1333);
Pori Bertrand, 1763 (1 : 14) (Name No. 1334);
Arquatula Bertrand, 1763 (1 : 53) (Name No. 1335);
Astacopodium Bertrand, 1763 (1 : 60) (Name No. 1336);
Corallium Bertrand, 1763 (1 : 60) (Name No. 1337);
Astropodium Bertrand, 1763 (1 : 62) (Name No. 1338);
Astrorrhisa Bertrand, 1763 (1 : 62) (Name No. 1339);
Stellarum Bertrand, 1763 (1 : 62) (Name No. 1340);
Aricularia Bertrand, 1763 (1 : 62) (Name No. 1341);
Balenosteon Bertrand, 1763 (1 : 64) (Name No. 1342);
Xylosteon Bertrand, 1763 (1 : 64) (Name No. 1343);
Belemnites Bertrand, 1763 (1 : 65) (Name No. 1344);
Soldat. [us] Bertrand, 1763 (1 : 89) (Name No. 1345);
Bidentula Bertrand, 1763 (1 : 90) (Name No. 1346);
Brissoides Bertrand, 1763 (1 : 104) (Name No. 1347);
Brissus Bertrand, 1763 (1 : 104) (Name No. 1348);
Bufonites Bertrand, 1763 (1 : 105) (Name No. 1349);
Buglossa Bertrand, 1763 (1 : 106) (Name No. 1350);
Calamus Bertrand, 1763 (1 : 111) (Name No. 1351);
Calopodium Bertrand, 1763 (1 : 14) (Name No. 1352);
Capsularia Bertrand, 1763 (1 : 115) (Name No. 1353);
Carcinopodium Bertrand, 1763 (1 : 115) (Name No. 1354);
Forficula Bertrand, 1763 (1 : 115) (Name No. 1355);
Carina Bertrand, 1763 (1 : 115) (Name No. 1356);
Carinula Bertrand, 1763 (1 : 115) (Name No. 1357);
Ceramites Bertrand, 1763 (1 : 120) (Name No. 1358);
Cidaris Bertrand, 1763 (1 : 131) (Name No. 1359);
Cymbium Bertrand, 1763 (1 : 143) (Name No. 1360);

- Bulimus* Bertrand, 1753 (1 : 143) (Name No. 1361);
Coretus Bertrand, 1763 (1 : 143) (Name No. 1362);
Pedipes Bertrand, 1763 (1 : 143) (Name No. 1363);
Cochlea Bertrand, 1763 (1 : 143) (Name No. 1364);
Yetus Bertrand, 1763 (1 : 143) (Name No. 1365);
Terebra Bertrand, 1763 (1 : 143) (Name No. 1366);
Porcellana Bertrand, 1763 (1 : 143) (Name No. 1367);
Peribolus Bertrand, 1763 (1 : 143) (Name No. 1368);
Purpura Bertrand, 1763 (1 : 143) (Name No. 1369);
Cerithium Bertrand, 1763 (1 : 143) (Name No. 1370);
Vermetus Bertrand, 1763 (1 : 143) (Name No. 1371);
Natica Bertrand, 1763 (1 : 143) (Name No. 1372);
Ostreum Bertrand, 1763 (1 : 143) (Name No. 1373);
Jataronus Bertrand, 1763 (1 : 143) (Name No. 1374);
Perna Bertrand, 1763 (1 : 143) (Name No. 1375);
Petunculus Bertrand, 1763 (1 : 143) (Name No. 1376);
Corticularia Bertrand, 1763 (1 : 162) (Name No. 1377);
Crocodilus Bertrand, 1763 (1 : 183) (Name No. 1378);
Ctenites Bertrand, 1763 (1 : 183) (Name No. 1379);
Cultellaria Bertrand, 1763 (1 : 187) (Name No. 1380);
Ophiodontes Bertrand, 1763 (1 : 192) (Name No. 1381);
Epiphiaria Bertrand, 1763 (1 : 202) (Name No. 1382);
Falcatula Bertrand, 1763 (1 : 210) (Name No. 1383);
Galeatula Bertrand, 1763 (1 : 244) (Name No. 1384);
Gammarolithus Bertrand, 1763 (1 : 244) (Name No. 1385);
Gammarolites Bertrand, 1763 (1 : 244) (Name No. 1386);
Glandularia Bertrand, 1763 (1 : 245) (Name No. 1387);
Gobio Bertrand, 1763 (1 : 250) (Name No. 1388);
Grazirrhinchus Bertrand, 1763 (1 : 253) (Name No. 1389);
Haliotites Bertrand, 1763 (1 : 259) (Name No. 1390);
Hamellus Bertrand, 1763 (1 : 259) (Name No. 1391);
Haeratulula Bertrand, 1763 (1 : 263) (Name No. 1392);
Hippurites Bertrand, 1763 (1 : 263) (Name No. 1393);
Limaculum Bertrand, 1763 (1 : 280) (Name No. 1394);
Malacostraca Bertrand, 1763 (2 : 3) (Name No. 1395);
Porus Bertrand, 1763 (2 : 44) (Name No. 1396);
Mytiloides Bertrand, 1763 (2 : 61) (Name No. 1397);
Musica Bertrand, 1763 (2 : 66) (Name No. 1398);
Onychites Bertrand, 1763 (2 : 80) (Name No. 1399);
Unguis Bertrand, 1763 (2 : 80) (Name No. 1400);
Ornitoglossum Bertrand, 1763 (2 : 87) (Name No. 1401);
Ostracia Bertrand, 1763 (2 : 92) (Name No. 1402);
Ostracites Bertrand, 1763 (2 : 92) (Name No. 1403);
Ostreites Bertrand, 1763 (2 : 92) (Name No. 1404);
Lithostreon Bertrand, 1763 (2 : 92) (Name No. 1405);
Limnostracites Bertrand, 1763 (2 : 92) (Name No. 1406);
Listronites Bertrand, 1763 (2 : 92) (Name No. 1407);

- Ovarium* Bertrand, 1763 (2 : 100) (Name No. 1408);
Carduus Bertrand, 1763 (2 : 100) (Name No. 1409);
Aurantium Bertrand, 1763 (2 : 100) (Name No. 1410);
Scolopendrites Bertrand, 1763 (2 : 100) (Name No. 1411);
Ombrias Bertrand, 1763 (2 : 100) (Name No. 1412);
Brontias Bertrand, 1763 (2 : 100) (Name No. 1413);
Buffonita Bertrand, 1763 (2 : 100) (Name No. 1414);
Pileus Bertrand, 1763 (2 : 100) (Name No. 1415);
Galea Bertrand, 1763 (2 : 100) (Name No. 1416);
Hystrix Bertrand, 1763 (2 : 100) (Name No. 1417);
Echinites Bertrand, 1763 (2 : 102) (Name No. 1418);
Latoclythus Bertrand, 1763 (2 : 103) (Name No. 1419);
Conoideus Bertrand, 1763 (2 : 103) (Name No. 1420);
Conulus Bertrand, 1763 (2 : 103) (Name No. 1421);
Echinometrites Bertrand, 1763 (2 : 103) (Name No. 1422);
Globulus Bertrand, 1763 (2 : 103) (Name No. 1423);
Placenta Bertrand, 1763 (2 : 103) (Name No. 1424);
Laganum Bertrand, 1763 (2 : 103) (Name No. 1425);
Melita Bertrand, 1763 (2 : 103) (Name No. 1426);
Rotula Bertrand, 1763 (2 : 103) (Name No. 1427);
Scutum Bertrand, 1763 (2 : 104) (Name No. 1428);
Cor Bertrand, 1763 (2 : 104) (Name No. 1429);
Pleurocystus Bertrand, 1763 (2 : 104) (Name No. 1430);
Patellites Bertrand, 1763 (2 : 107) (Name No. 1431);
Pectonculites Bertrand, 1763 (2 : 108) (Name No. 1432);
Pentacrinus Bertrand, 1763 (2 : 109) (Name No. 1433);
Pentaphyllites Bertrand, 1763 (2 : 109) (Name No. 1434);
Pholadites Bertrand, 1763 (2 : 117) (Name No. 1435);
Pes Bertrand, 1763 (2 : 122) (Name No. 1436);
Pinnularia Bertrand, 1763 (2 : 128) (Name No. 1437);
Plagiostomos Bertrand, 1763 (2 : 128) (Name No. 1438);
Platyrrhynchus Bertrand, 1763 (2 : 130) (Name No. 1439);
Plectronites Bertrand, 1763 (2 : 130) (Name No. 1440);
Plectronita Bertrand, 1763 (2 : 130) (Name No. 1441);
Porpites Bertrand, 1763 (2 : 137) (Name No. 1442);
Portellaria Bertrand, 1763 (2 : 137) (Name No. 1443);
Psetites Bertrand, 1763 (2 : 147) (Name No. 1444);
Pseudocorallium Bertrand, 1763 (2 : 147) (Name No. 1445);
Ceration Bertrand, 1763 (2 : 147) (Name No. 1446);
Quadrella Bertrand, 1763 (2 : 150) (Name No. 1447);
Quinquevalvula Bertrand, 1763 (2 : 154) (Name No. 1448);
Retepora Bertrand, 1763 (2 : 155) (Name No. 1449);
Retes Bertrand, 1763 (2 : 155) (Name No. 1450);
Rhombiscus Bertrand, 1763 (2 : 157) (Name No. 1451);
Rhombites Bertrand, 1763 (2 : 157) (Name No. 1452);
Ryncolithus Bertrand, 1763 (2 : 157) (Name No. 1453);
Ricinus Bertrand, 1763 (2 : 157) (Name No. 1454);

Rostrago Bertrand, 1763 (2 : 159) (Name No. 1455);
Plectorites Bertrand, 1763 (2 : 159) (Name No. 1456);
Rutellum Bertrand, 1763 (2 : 160) (Name No. 1457);
Sacculus Bertrand, 1763 (2 : 164) (Name No. 1458);
Saponella Bertrand, 1763 (2 : 174) (Name No. 1459);
Scalpellus Bertrand, 1763 (2 : 174) (Name No. 1460);
Scapula Bertrand, 1763 (2 : 174) (Name No. 1461);
Scapularia Bertrand, 1763 (2 : 174) (Name No. 1462);
Scopula Bertrand, 1763 (2 : 176) (Name No. 1463);
Scutulum Bertrand, 1763 (2 : 176) (Name No. 1464);
Serratula Bertrand, 1763 (2 : 185) (Name No. 1465);
Serrella Bertrand, 1763 (2 : 185) (Name No. 1466);
Siliquastrum Bertrand, 1763 (2 : 185) (Name No. 1467);
Solearia Bertrand, 1763 (2 : 186) (Name No. 1468);
Spatagoides Bertrand, 1763 (2 : 190) (Name No. 1469);
Spatangus Bertrand, 1763 (2 : 190) (Name No. 1470);
Spongiolithes Bertrand, 1763 (2 : 198) (Name No. 1471);
Strigosula Bertrand, 1763 (2 : 205) (Name No. 1472);
Sulcatula Bertrand, 1763 (2 : 209) (Name No. 1473);
Tridentula Bertrand, 1763 (2 : 229) (Name No. 1474);
Trigonella Bertrand, 1763 (2 : 229) (Name No. 1475).

(D) The following specific names, published in a work rejected for nomenclatorial purposes, are hereby placed on the Official Index of Rejected and Invalid Specific Names in Zoology with the Name Numbers specified:—

corallofungitae Bertrand, 1763, as published in the binomen *Alcyonia corallofungitae* (1 : 14) (Name No. 617);
lapidei Bertrand, 1763, as published in the binomen *Pori lapidei* (1 : 14) (Name No. 618);
Noachi Bertrand, 1763, as published in the binomen *Arca Noachi* (1 : 42) (Name No. 619);
punctata Bertrand, 1763, as published in the binomen *Arquatula punctata* (1 : 53) (Name No. 620);
columnares Bertrand, 1763, as published in the binomen *Asterias columnares* (1 : 60) (Name No. 621);
Stellatum Bertrand, 1763, as published in the binomen *Corallium Stellatum* (1 : 60) (Name No. 622);
modiolus Bertrand, 1763, as published in the binomen *Stellarum modiolus* (1 : 62) (Name 623);
lamellatum Bertrand, 1763, as published in the binomen *Xylosteon lamellatum* (1 : 64) (Name No. 624);
Cancellius Bertrand, 1763, as published in the binomen *Soldat.[us] Cancellius* (1 : 89) (Name No. 625);
Indicus Bertrand, 1763, as published in the binomen *Calamus Indicus* (1 : 111) (Name No. 626);
petrefactus Bertrand, 1763, as published in the binomen *Crocodilus petrefactus* (1 : 183) (Name No. 627);

- Melitenses* Bertrand, 1763, as published in the binomen *Ophiodontes Melitenses* (1 : 192) (Name No. 628);
- corallinus* Bertrand, 1763, as published in the binomen *Hippurites corallinus* (1 : 263) (Name No. 629);
- anguineus* Bertrand, 1763, as published in the binomen *Porus anguineus* (2 : 44) (Name No. 630);
- lapideus* Bertrand, 1763, as published in the binomen *Mytilus lapideus* (2 : 61) (Name No. 631);
- lapideus* Bertrand, 1763, as published in the binomen *Unguis lapideus* (2 : 80) (Name No. 632);
- marinus* Bertrand, 1763, as published in the binomen *Carduus marinus* (2 : 100) (Name No. 633);
- marinum* Bertrand, 1763, as published in the binomen *Aurantium marinum* (2 : 100) (Name No. 634);
- mammillaris* Bertrand, 1763, as published in the binomen *Echinites mammillaris* (2 : 102) (Name No. 635);
- ovarius* Bertrand, 1763, as published in the binomen *Echinites ovarius* (2 : 102) (Name No. 636);
- Rotularis* Bertrand, 1763, as published in the binomen *Echinites Rotularis* (2 : 102) (Name No. 637);
- Clypeatus* Bertrand, 1763, as published in the binomen *Echinites Clypeatus* (2 : 102) (Name No. 638);
- Histrix* Bertrand, 1763, as published in the binomen *Echinites Histrix* (2 : 102) (Name No. 639);
- mammillaris* Bertrand, 1763, as published in the binomen *Cidaris mammillaris* (2 : 102) (Name No. 640);
- coronalis* Bertrand, 1763, as published in the binomen *Echinites coronalis* (2 : 102) (Name No. 641);
- miliaris* Bertrand, 1763, as published in the binomen *Cidaris miliaris* (2 : 102) (Name No. 642);
- variolata* Bertrand, 1763, as published in the binomen *Cidaris variolata* (2 : 102) (Name No. 643);
- mammillata* Bertrand, 1763, as published in the binomen *Cidaris mammillata* (2 : 102) (Name No. 644);
- mauri* Bertrand, 1763, as published in the binomen *Cidaris mauri* (2 : 102) (Name No. 645);
- assulata* Bertrand, 1763, as published in the binomen *Cidaris assulata* (2 : 102) (Name No. 646);
- fibularis* Bertrand, 1763, as published in the binomen *Echinites fibularis* (2 : 103) (Name No. 647);
- galeatus* Bertrand, 1763, as published in the binomen *Echinites galeatus* (2 : 103) (Name No. 648);
- discoideus* Bertrand, 1763, as published in the binomen *Echinites discoideus* (2 : 103) (Name No. 649);
- spatagoideus* Bertrand, 1763, as published in the binomen *Echinites spatagoideus* (2 : 104) (Name No. 650);

- cordatus* Bertrand, 1763, as published in the binomen *Echinites cordatus* (2 : 104) (Name No. 651);
marinum Bertrand, 1763, as published in the binomen *Cor marinum* (2 : 104) (Name No. 652);
Lachmundi Bertrand, 1763, as published in the binomen *Pentacrinus Lachmundi* (2 : 109) (Name No. 653);
Aldrovandi Bertrand, 1763, as published in the binomen *Pentaphyllites Aldrovandi* (2 : 109) (Name No. 654);
asini Bertrand, 1763, as published in the binomen *Pes asini* (2 : 122) (Name No. 655);
depressus Bertrand, 1763, as published in the binomen *Echinites depressus* (2 : 128) (Name No. 656);
marina Bertrand, 1763, as published in the binomen *Retes marina* (2 : 155) (Name No. 657);
linteiformis Bertrand, 1763, as published in the binomen *Eschara linteiformis* (2 : 155) (Name No. 658);
vulgaris Bertrand, 1763, as published in the binomen *Scapula vulgaris* (2 : 174) (Name No. 659);
littoralis Bertrand, 1763, as published in the binomen *Scopula littoralis* (2 : 176) (Name No. 660).

HISTORY OF THE CASE (Z.N.(S.) 1185)

Mr. R. V. Melville submitted the present proposals to the Commission's office on 5 January 1957 after some preliminary correspondence with Mr. Hemming, then Secretary to the Commission. The application was sent to the printer on 2 February 1959 and was published on 1 October 1959 in *Bull. zool. Nomencl.* 17 : 49-53. No comment was received from any source.

DECISION OF THE COMMISSION

On 31 May 1960 the Members of the Commission were invited to vote under the Three-Month Rule on Voting Paper (60)10 either for or against the proposals in *Bull. zool. Nomencl.* 17 : 50. At the end of the prescribed Voting Period on 31 August 1960 the state of the voting was as follows :

Affirmative Votes—twenty-one (21), received in the following order : Holthuis, Prantl, Mayr, Uchida, Brinck, Dymond, Hering, Riley, Obruchev, Lemche, Kühnelt, Bonnet, Miller, Vokes, Jaczewski, Stoll, Tortonese, do Amaral, Key, Mertens, Poll.

Negative Votes—none (0).

Leave of Absence—one (1) : Bradley.

Voting Papers not returned—two (2) : Boschma, Cabrera.

A late affirmative vote was returned by Commissioner Hemming.

With reference to paragraph 3 of Mr. Melville's application, Dr. K. H. L. Key wrote on his Voting Paper : " I take the view that when a work is rejected for nomenclatorial purposes, no name or act included in it is available, no matter what its rank, unless specifically exempted under the plenary powers."

ORIGINAL REFERENCES

All the names placed on Official Indexes in the Ruling given in the present Opinion were published by Bertrand, 1763, *Dictionnaire Universel des Fossiles Propres et de Fossiles Accidentels*. The volume and page number for each name is given in the Ruling.

CERTIFICATE

WE certify that the votes cast on Voting Paper (60)10 were cast as set out above, that the proposal set out in that Voting Paper has been duly adopted, and that the decision so taken, being the decision of the International Commission, is truly recorded in the Present Opinion No. 592.

N. D. RILEY

Secretary

W. E. CHINA

Assistant Secretary

International Commission on Zoological Nomenclature

London

21 September 1960

COMMENT ON REQUEST FOR A RULING AS TO WHETHER *LICHAS ARANEA* HOLZAPFEL, 1895, IS TO BE TREATED AS A HOMONYM OF *LICHAS ARANEUS* LINDSTRÖM, 1885. Z.N.(S.) 1155

(See Volume 17, pages 233-234)

By J. T. Temple (*Birkbeck College, London*)

I favour Alternative B in Mr. Tripp's application for a ruling on *Lichas aranea* Holzapfel, 1895, and *Lichas araneus* Lindström, 1885.

It is possible that the former specific name was intended as a noun in apposition and the latter as an adjective, but the case for their both being adjectival appears equally strong, and this uncertainty regarding the two authors' intentions can never be resolved. In the absence of overwhelming evidence against the adjectival interpretation and since both names clearly refer to the same Latin word in one of its several grammatical forms, I am in favour of regarding them as homonyms.